

Rudy, E. and Stecher, P.
TO BUILDING-UP OF A SYSTEM HAFNIUM-OXYGEN.
[1963] 15p. (figs. omitted) 13 refs.
Order from SLA \$1.60

63-18461
63-18308

Trans. of Journal of the Less-Common Metals
(Netherlands) 1963, v. 5 [no. 1] p. 78-89.
Another trans. is available from SLA \$1.60 as
63-18308 [1963] [12]p.

DESCRIPTORS: Hafnium compounds, *Oxides,
Metallography, *Hafnium alloys, Mechanical properties,
Hardness, Electrical properties, Powder alloys.

(Metallurgy--Structural, IT, v. 10, no. 11)

63-18461

63-18308

I. Rudy, E.
II. Stecher, P.

Office of Technical Services

Electrodeposition of Powders of a Zirconium-Niobium Alloy in a Bath of Molten Salts, by C. Decroly, R. Winand, 25 pp.

DUTCH, per, Journal of the Less-Common Metals, No 6, 1964, pp 132-151. 9226676
AEC-Tr-6503

Sci-M/M
Feb 65

274,264

Thermal Dehydration of the Hydrates
of Rare Earth Chlorides, by
Guenther Haasler, Franz Matthes, 15 pp.
CHIRMAN, per, J. Less-Common Metals,
Vol IX, 1965, pp 133-151. 0251979
NEC IS-Trans-22

Sci-Chem
Feb 66

296,002

Preparation and Characterization of
Ultimate Carbides, Nitrides, and
Metals, by E. Neuenschwander.
FRENCH, per, J. Less-Common Metals 11,
No 5, 1966, pp 365-375.
NASA TT F-10,805

Sci - Materials
May 67
GOVERNMENT USE ONLY

324,196

4 ⁷EC (ORNL-tr-2379) ⁵PREPARATION AND PROPERTIES
OF THE OXYCHLORIDES OF CERIUM AND LANTHANUM. ⁶
Matthes, F.; Haeseller, G.; Poeschl, R. ¹⁰Translated by R.
Gregg Mansfield (Oak Ridge National Lab., Tenn.) from ¹⁵J. Less-
Common Metals; 10: 344-7(1966). ²⁰4p. ²⁴Dep. NTIS.

25

²⁶chemistry (inorganic); rare earths; translations ²⁷07B

²⁸MN-4 ²⁹P NSA

Thermodynamic Description of the Solid Solution of
Carbon, Nitrogen, and Oxygen in Niobium and Tantalum,
by E. Fromm. 17 pp.

GOVERNMENT USE ONLY

DUTCH, per, J. Less-Common Metals (Netherlands) Vol 14,
1968, pp 113-125.

NASA TT F 13,399

july 71

JOURNAL OF THE LESS-COMMON METALS
1966 V11 P365-375 7350 <0151>
1967 V12 P280-293 70-10224-11F <*>
1968 V14 P113-125 70-10357-11F <*>
1968 V16 P244-264 70-13106-11F <*>

ORDER FROM NTC

New Way to Make High-Melting Hard Carbides, by
G. Jangg.
GERMAN, per, J. Less-Common Metals, Vol 14, 1968,
pp 269-277.
*Nat Bur Stand TT 70-57895

Sci-Materials
Jul 70

High-Temperature Solubility of Nitrogen in Tungsten,
by E. Fromm, H. Jehn, 7 pp.

GERMAN, per, Journal of the Less Common Metals,
Vol 17, 1969, pp 124-126.

AEC/SC-Tr-4025-70

Sci/Mater

Oct 70

A Method of Study of Impurity Interstitial Diffusion
at Low Concentration, by G. Melchior.

GERMAN, per, J. Less-Common Metals, Vol 17, 1969,
pp 443-446.

*NTIS/NBS TT 71-55311

Available NBS Only

July 71

Thermodynamic Study of the Ga-Pb and Ga-Tl Systems,
by B. Predel.
GERMAN, per, J Less-Common Metals, No 24, 1971,
pp 159-171.
*NTIS TT 72-53157

Aug 72

4(SC-T-713075) 5NEW METHODS OF OBTAINING
METAL BORIDES. 6Cueilleron, J.; Lahet, G.; Thevenot, F.;
Paris, R. A. 10Translated by Patricia Newman (Sandia Labs.,
Albuquerque, N. Mex.), from 15J. Less-Common Metals; 24: 317-
22(1971). 208p. 24Dep. NTIS.

26chemistry (inorganic); metallurgy; translations 2707B, 11F

28MN-4 29P NSA

J. F. Eloy

Semiquantitative chemical analyses by mass spectro-
graphy using photon bombardment ionization (Ruby Laser),
by J. F. Eloy 20 pp.
ENGLISH, per, J. Mass Spectrometry ion phys, Vol 6,
1971, pp 101-112
NASA TT F 14183

may 72

⁴(AEC-tr-7239) ⁵SEMIQUANTITATIVE CHEMICAL
ANALYSES BY MASS SPECTROMETRY WITH IONIZATION BY
PHOTON BOMBARDMENT WITH A RUBY LASER. ⁶Eloy, J. F.;
¹⁸¹⁰Translated by P. J. P. Chastagner (Du Pont de Nemours (E. I.)
and Co., Aiken, S. C.), from ¹⁵J. Mass Spectrom. Ion Phys.; 6:
101-15(1971). ¹²¹⁰p. ²⁴Dep. NTIS.

²⁵chemistry (analytical); translations ²⁷⁰⁷

²⁸MN-4 ²⁹P NSA

Recd 7/1/73

M. Kurogi

*Viscosity of glass in the As-Se-S, As-Se-Te, and
As-Se-Ti systems. 19 pp.*

*JAPANESE, Journal of Materials, Vol 19, No 197, Feb 1970,
AIR/FTD-HC-23-2141-71*

U.S. GOV'T USE ONLY. COPYRIGHT INFORMATION

dec 72

⁴(AEC-tr-7262) ⁵STUDY OF LONGITUDINAL
SHOCK WAVES OF FINITE AMPLITUDE IN NONLINEAR ELASTIC
MATERIALS STARTING FROM THE SYSTEM OF ISENTROPES.
⁶de Belloy, Jean Boistel. ¹⁰Translated by Anna Vakar for Sandia
Labs., Albuquerque, N. Mex., from ¹⁵J. Mec.; 9: No. 2, 277-307
(1970). ²⁰41p. ²⁴Dep. NTIS.

²⁵

²⁶engineering; translations ²⁷13

²⁸MN-38 ²⁹P NSA

Study of the Shape of Plastic Deformation Curves,
by B. Jaoul.

FRENCH, per, Journal of the Mechanics and
Physics of Solids, No 5, 1957, pp 95-114.

BISI 3135

Sci - M/H
Jan 64

246,382

Rehabilitation of the Spine in the Swimming Pool,
by M. P. Deslous-Paoli, 9 pp.
FRENCH, per, J Med Lyon, Vol 44, 1963, pp 927-932.
Dept of Navy/NMS 1472

Sci/B&M
Sept 70

Immunogenicity in Monkeys of a Combined Toxoid
from the Main Toxic Principles Separated from Habu
Snake Venom, by Kisashi KONDO, 6 pp.
JAPANESE, per, Journal of Medical Science & Biology,
Vol 28, No 6, 1970, pp 413-418, Dec 1970.
Enclosure to IR 2 253 0170 71, 9 June 1971

July 71

JOURNAL OF THE METAL FINISHING SOCIETY OF JAPAN
SEE KINZOKU MYOMEN BIJUTSU

ORDER FROM NTC

SHIMOSE, T. and others. Coating of sheet steel with
metal powder. 1. Ontitanium coating.
J. Metal Finish Soc. Japan 17(8):310-15 (1966)
(CRL/T. 4155x)

Biological Characteristics of Strains of Influenza
Virus Adapted to 29 Degrees C and 41 Degrees C, by
A. Boudreault, et al.

FRENCH, per, Canad J Microbiol, Vol 14, No 8, 1968,
pp 867-874.

HEW NIH

3-9-69

Sci/B&M

Feb 69

383,091

JUN

R-4213-D

25 June 1964

Data on the Characteristics of Psuedotuberculosis
Cultures, by L. A. Timofeyeva.

RUSSIAN, per, J. Microb. Epid. & Immunob.,
No 11, 1963, pp 46-51.

*JPRS/Army Biol Lab-
T-208-5

/Sci - Jun

R-4213-D
25 June 1964

On the Production of Hydrogen Sulfide by Intestinal Bacilli in Growing Different Media,
by A. A. Shemyakina.
RUSSIAN, per, J. Microb. Epid. & Immunob.,
No 11, 1964, pp 74-76.

*JPRS Army Biol Lab-
T-208-6

Sci - Biol
Jun 64

Cytopathogenic Effect of Influenza B Myxovirus
(Lee Strain) on Culture Cells, by Andre Berkaloff,
Theo Stussi, et al.

FRENCH, par, J. Microscopie, No 1, 1962, pp 351-362.

MLH 6-28-63

Sci - Biol/Med Sci

Aug 63

343,538

REC-4 (LA-tr-71-25) ³POLYVINYL CHLORIDE IMPRESSIONS
FOR INDIRECT CARBON REPLICAS IN ELECTRONIC MICROSCOPY.
⁶Faberge, Alexander C. ¹⁰Translated from ¹³J. Microscop.; 6:
157-68(1967). ²⁰11p. ²⁴Dep. NTIS.

²⁵

²⁶biomed; methods and equipment; translations ²⁷06, 14

²⁸MN-48 ²⁹P NSA

Military-Technology Bulletins, (AF 669658).

GERMAN, per, Journal of Military Technology,
War Industry and War Economy, Vol LI, No 4,
1954, pp 161-168, Darmstadt, West Germany.

ATIC-F-TS-8752/V

WEur - Germany
Military

Mar 56 CH/DEX
31,939

The Incorporation of 5-Nitouracil, 5-Aminouracil
and 2-Thiothymine in Bacterial Deoxyribonucleic
Acid, by A. Wacker, S. Kirschfeld, D. Hartmann,
7 pp.

GERMAN, per, J. Mol. Biol., Vol II, 1960, pp 69-71.

NIH 3-7-61

Sci - Med
Apr 61

150,583

The Incorporation of 5-Bromocytosine and 5-Bromouracil
in Bacterial Deoxyribonucleic Acid, by A. Wacker,
S. Kirschfeld, D. Weinblum, 6 pp.

GERMAN, per, J. Mol. Biol, Vol II, 1960, pp 72-74.

NIH 3-5-61

Sci - Med
May 61

150,581

ON THE IRRADIATION-SENSITIZING EFFECT OF 5-BROMOURACIL, BY ADOLF WACKER, HANSWERNER DELLWEG, 3 PP.

GERMAN, PER, X J MOL BIOL, NO 3, 1961, PP 787-789.

NIH 6-40-62

SCI - PHYS

AUG 62

208,778

PHOTOCHEMICAL REACTIONS OF URACIL AND URINDINE,
BY ADOLF WACKER, DIETER WEINBLUM, 3 PP.

GERMAN, PER, J MOL BIOL, VOL 111, 1961, PP 790-793.

NIH 6-41-62

SCI - CHEM

AUG 62

208,779

Regulator Mechanisms in the Biosynthesis of the
Enzymes of Galactose Metabolism in Escherichia Coli
K12. Part II. Genetic Determination of the
Regulation, by G. Buttin.
Journal of Molecular Biology, Vol 7, 1963, pp 183-205.
NTC-71-10571-06A

Nov 71

Bio Lab T-516-1

R-8399-D

21 June 67

Identification par Complementation in vitro et Purification d'un Segment Peptidique de la B-Galactosidase d'*Escherichia coli*

By: Ullman

From: J. Mol. Biol., 1965 12: 918-923

(6 pp)

French - est for wds:

Please translate and type 1 camera ready copy. Document can be cut. Please make cover as sample attached.

Electron Microscopic Study of the RNA of the
Aviary Myeloblastosis Virus, by H. Granboulan.

FRENCH, per, J Molec Biol, Vol 16, 1966,

pp 571-575.

HBW NIH

6-4-69

Sci-B&M

Sept 69

390,120

JOURNAL OF MOLECULAR BIOLOGY

1967 V28 P71-86

70-10359-06A (C)

ORDER FROM NTC

Research on the DNA of K Rat Virus (Parvovirus
Ratti), by P. May.
GERMAN, per, Journal of Molecular Biology, Vol 27,
1967, pp 603-614.
HTC-71-10197-00A

Nov 71

Naivanetr, Plaibul
Scyllarid lobsters and their Phyllosoma larvae in the 1963
Gulf of Thailand
Journal of Nat'l Res. Council, 4 (1/2/3/4). In hai.
Transl. by CSRC, 1972, as transl. No. 10931, 8p., typescript.
Avail. on loan - NMFS, Wash., D. C.

Original Article checked *46*

Deposit of Uranium Dioxide on Aluminum by
Electrolysis, by Lydie Koch, 3 pp.

GERMAN, per, ^{2,} J. Nuclear Energy, Vol II, 1955,
pp 110, 111.

AEC Tr 2701

Sci - Nuclear Physics
Jan 57 CTS

42, 204

Dynamics of Reactor Poisoning by Xenon, by
C. P. Caillet, J. Carpentier, 19 pp.

FRENCH, per, J Nuclear Energy, Vol. III, 1956,
pp 49-63.

AEC Tr 2831

Sci - Nuclear Physics

45,109

Mar 57/CTS

New Detector of Neutrons From Fissions in Gas
Stream, by L. Koch, 6 pp.

FRENCH, per, J Nuclear Energy, Vol V, 1956,
pp 357-361.

AEC Tr 3290

Sci - Nuc Phys

Sep 58

73, 770

The Microscopic Diffusion of Neutrons; a Method of
Approximation, by J. Yven.

FRENCH, per, J of Nuclear Energy, Vol IV, 1957,
pp 305-318.

✓
AEC *Ti Fibc*

Sci - Phys
Apr 62

New Method of Determination of the Thermal Utilization
Factor of a Cell, by A. Amouyal, P. Benoist, et al,
30 pp.
FRENCH, per, Journal of Nuclear Energy, Vol VI, 1957,
pp 79-98. 9225764
AEC-Tr-6505

Sci-~~E~~ Nucl Sci
Dec 64

270,064

Buckling Measurements by the Successive
Substitution Method, by P. Bacher,
R. Naudet.

FRENCH, per, Jnl. Nuclear Energy, Vol 13A,
1961, pp 112-127.

NLL Ref: 9022.09 (4603)

Sci-Nucl Sci
Jan 69

373,582

Measurements of Bucklings by the Progressive
Replacement Method, by P. Bacher. 37 pp.
FRENCH, per, J. Nucl Energy, Part A and B,
Vol 13, 1961, pp 112-127.
AEC-ANL-Trans-787

Sci-Phys
Sep 70

Motion of a Particle and Equilibrium
of a Plasma in Cylindrical Geometry,
by P. H. Rebut.
FRENCH, per, J. Nucl Energy Pt. C,
Vol III, 1961, pp 22-30.
NASA TT F-10,429

U. S. GOVERNMENT USE ONLY
Sci-Nuclear Sci
Jan 67

317,868

On the Breakaway Swelling in Nuclear Fuels,
by Y. Quere and F. Pham, et al,
FRENCH, per, Journal of Nuclear Energy, Pt.
A and B, Vol XVII, 1963, pp 15-24.
AEC WAPD-tr-37

Sci-Nucl Sci
Nov 66

313,901

Spectrometry of Fast Neutrons by Means of
the Reaction ${}^6\text{Li}(n,t){}^4\text{He}$, by G. Gierts.
FRENCH, per, Journal Nuclear Energy,
Pt. AB, No 17, 1963, pp 121-124. 9227156
AEC SC-T-64-2013

Sci/Nuclear Sci
May 66

200,491

Stable Plasma in an Inverse Pinch-Type Discharge,
by P. H. Rebut, A. Torosian.
FRENCH, per, Journal of Nuclear Energy, Vol V,
1963, pp 133-144.
*NASA TT F-9260

Sci-NS
Feb 65
U.S. GOVERNMENT ONLY

Transmission of a Plasma Jet Through a Magnetic
Barrier, by P. Lecoustey.
EUROPEAN, per, Journal of Nuclear Energy, Series C,
Vol 6, No 1, 1964, pp 81-84.
HTC-71-16258-201

2/2/72 TTE E-70, K11

Jan 72

Study of the Corrosion of Monocrystals of High Purity
Aluminum (99.99%) by Water at Elevated Temperature, by
P. Lelong, J. Herenguel, 24 pp.

FRENCH, per, J Nuclear Materials, Vol. 1, 1960,
pp 58-72.

AEC tr-3876

Sci - Nuc Phys
Feb 60

107178

Analysis of Oxygen in Sodium. The Mercury Method:
for use in the case of very small quantities. By
J. H. DUNN, et al. 1950

1950, pp. 123-129. Journal of Nuclear Energy Vol
1950, pp 123-129.

9212-117

ANALYSIS

Vol 1 - 1950-1951

341-100

1300

Study of the Self-Diffusion of Uranium in the γ
Phase, by Y. Adda, A. Kirianenko, 14 pp.

French
RUSSIAN, per, γ Journal of Nuclear Materials,
Vol II, 1959, pp 120-126. 9077346

AEC Tr-4558

Sci - Nuc Phys
Jun 61

157, 726

Evaluation of the Volume of a Point of Fission in
Uranium, by Y. Quere, F. Nakache, 8 pp.
FRENCH, per, Journal of Nuclear Materials, Vol I,
1959, pp 203-209. 9223479
AEC-Tr-6460

Sci-~~EE~~ Mat & Met
Oct 64

267,339

Oxidation in Air of Two Refractory Alloys (Nical
D and Hastalloy X) at 900 and 1100°C, by
J. Samdier, R. Deminget, 20 pp.

FRENCH, per, Journal of Nuclear Materials,
Vol III, 1959, pp 213-223. 9091778

ANC-Tr-3235

Sci - Chem
Sep 62

211,069

Sintering of Uranium Oxide in Hydrogen at 1350°C, by
A. Bel, R. Delmas, ⁵/₅ Francois.

FRENCH, per, J of Nuclear Materials, 1959, pp 259-270

9084548

APC 44-5083

Sci. - Nuc Phys

Jul. 62

204, 756

Growth of Alpha-Uranium as the Result of
Correlative Collisions, by Ulrich Gonser, 10 pp.

FRENCH, per, J Nuclear Materials, Vol II, 1960,
pp 43-50.

ABC Tr-4522

Sci - Nuc Phys
Jul 61

157,441

Study of the Self-Diffusion of U in the
Beta Phase, by Y. Adda, 2 pp.
FRENCH, per, J. Nuclear Materials, 3,
1959, pp. 300-301.
*NBS TT 70-57596

Sci/chem
Jul70

Neutron Study of the Crystalline Texture of
Uranium Bars, by J. Lanjesse, P. Meriel, et al.
5 pp.

RESEARCH, pub, Journal Nuclear Materials, Vol II,
1960, pp 60-74. 9207644

AEC-Tr-5779

Sci - Nucl Sci
6 Jun 63

231,564

Determination of the Thermoelectric Power of Uranium
and Plutonium, by P. Costa, 12 pp.

FRENCH, per, J Nuclear Materials, Vol II, 1960,
pp 75-80.

ASC Tr-4364

Sci - Nuc Phys
Jul 61

157, 440

Influence of the Crystal Dimensions on the Oxidation
Kinetics of UO_2 , by B. Balboch, C. Piekarski, P.
Perio, 10 pp.

FRENCH, per, J Nuclear Materials, Vol III, No 1,
1961, pp 60-66. 90th 350

ANC HW-D-26
OTC 61-26005
170.216

Sci - Nuc Phys
Oct 61

Micrographic Observations of a Mg-0.6%wt.Zr
Alloy Heated in Hydrogen, by P. Lelong.
EUROPEAN, per, Journal of Nuclear Materials,
Vol 3, Feb 1961, pp 222-234.
EE Trans 504

Jan 72

Study of Irradiation Disorder of the U_2Mo Phase,
by J. Bloch, J. Doulat, J. Blin, 6 pp.

FRENCH, per, Journal of Nuclear Materials,
Vol III, 1961, pp 327-330.

AEC-tr-5325

Sci

Jan 63

list 74

218,841

Transmission Microscope Study of Porosity, Grain
Inclusions and Dislocations in Hot-Pressed Uranium
Oxide, by Andre Bisson, Hannu Frisby.

Published, part, J Nuclear Materials, Vol. IV, no. 1981,
no 133-142.

AEC T-5028

Sci - Chem
May 62

198,532

Gebhardt, E., Segezzi, H.-D., and Durrschnabel, W.
STUDY OF THE ZIRCONIUM-OXYGEN SYSTEM.
PT. I. THE ELECTRICAL RESISTANCE OF OXYGEN-BEARING ZIRCONIUM. [1963] 15p.
Order from ATS \$16.40 ATS-00Q72G

Trans. of [Journal of] Nucl[ear] Mater[ials]
(Netherlands) 1961, v. 4, no. 3, p. 241-254.

DESCRIPTORS: *Zirconium compounds, Oxygen,
Resistance (Electrical), Reactor materials.

(Nuclear Physics -- Nuclear Engineering, TT, v. 10,
no. 12)

63-22946

I. Gebhardt, E.
II. Segezzi, H.-D.
III. Durrschnabel, W.
IV. ATS-00Q72G
V. Associated Technical
Services, Inc.,
East Orange, N. J.

AFC-Tr-6413
(9223510)

Office of Technical Services

Investigations of the Zirconium - Oxygen System. II.
Investigations of the Kinetics of the Reaction Between
Zirconium and Oxygen, and of the Constitution of the
Zirconium - Oxygen System, by Erich Gebhardt,
Hans-Deiter Seghezzi, Wolfgang Duerrschmabel, 20 pp.

1961
GEBHARDT, per, J Nuclear Materials, Vol IV, Aug-Sep
1961, pp 255-268.

AEC Tr-5060

Sci - Nuc Phys
Jun 62
List 60

197,817

III. The Recrystallization Behavior of Bismuth.
Wires, by Ulrich Gethardt, R. S. Seghezzi, et al, 4 AP.
French, per, Journal of Nuclear Materials, Vol IV,
No 3, 1961, pp 269-271. 922355/
MAEC-Tr-6416

Sci - Mat & Met

Sep 63

Determination of the Glide Elements of Hexagonal Metals
Using the Asterism in Laue Photographs and Application
to a Study of Beryllium Deformation at High Temperature,
by P. Bastien, P. Pointu, 14 pp.

FRENCH, per, Journal of Nuclear Materials, Vol. V,
No 1, 1962, pp 101-108. 9089573

AEC Tr-5138

207,502

Sci - Phys
Aug 62

Study of the Self-Diffusion of U. in the
Alpha-Phase, by Y. Adda, 5 pp.
FRENCH, per, J. Nuclear Materials, 6,
1962, pp. 130-134.
*NBS TT 70-57613

Sci/chem
Jul 70

Lowering of the Self-Diffusion Coeffi-
cients of U in the Gamma-Phase by Addi-
tions of Mo, Zr, or Nb, by Y. Adda, 2pp
FRENCH, per, J. Nuclear Materials, 6,
1962, pp. 135-136.
*NBS TT 70-57612

Sci/chem
Jul 70

Types of Deformation of Beryllium at High Temperature
and Recrystallization After Twinning, by P. Bastien, P.
Pointu.

FRANCE, *publ.*, J Nuclear Materials, *ser.* Vol V, No 1,
1962, pp 153-155. 9093448

AEC Tr-5104

Sci - Chem
Jul 62

204, 712

Experimental Study of the Recrystallization
of Belgian Uranium, by H. Massaux, 18 pp.

FRENCH, per, Journal of Nuclear Materials,
Vol V, No 3, 1962, pp 287-300. -9099544
5066949

AEC Tr-5301

Sci - Phys
Oct 62

212,674

Study of the Porous Structure of Nuclear Graphites
by Means of Mercury Porosimetry, by M. Bocquet, 17 pp.

PRELIM, part, Journal of Nuclear Materials, Vol VI,
No 1, 1962, pp 96-106. 9209166

AEC-11P-11-92

LA 70 65-21

Sol. - Mech Sci

Jul 63

235,670

Nature of the Transformation of
Uranium Near Equilibrium, by G. Donze,
6 pp.

FRENCH, per, Journal of Nuclear
Materials, Vol V, No 1, 1962,
pp 150-152. 9231978
AEC MLH-1302-

Sci-N. Sci
Feb 66

296,082

Effect of Neutron Irradiation on Uranium-Iron
Alloys with Low Iron Content, Ed by J. Bloch,
26 pp.

FRANCO, per, Journal Nuclear Materials, vol 10,
No 6, 1962, pp 203-212. 9206079.

ABC/EN 11 12

Gen. - Nucl. Mat.

12 11 11 1

May 62

JOURNAL OF NUCLEAR MATERIALS

1962 Vb P338-341

66-13562 <*>

1963 V10 P301-320

70-22083 <*>

ORDER FROM NTC

Dissolution Reaction in a Uranium, by J. Letourneau,
3 pp.

FRENCH, JAF, Journal Nuclear Materials, Vol VI,
1962, pp 330-351. 9205035.

ARC 5722

Sci - Incl Sci

May 63

236,301

Study by Electron Microscope of Uranium
Containing Krypton, by J. Leteurte, G. Beebe,
4 pp.

FRANCE, par, Journal Nuclear Materials, Vol VI,
1962, pp 342-345. 920085.

ANC ID: 5737

501 - 1962 501

May 68

281 501

Preparation, Fabrication and Metallurgical Properties of
Composite Materials of the Mg/MgO Type, by
J. Herenguel, 10 pp.
FRENCH, per, Journal of Nuclear Materials, Vol VIII,
No 1, 1963, pp 49-59. 9220582
AERE-Harwell-Tr-976

Sci-Mat & Met
Apr 64

254,668

Contribution To the Study of the Escape of Fission Gases
From Irradiated Sintered Uranium Oxide, by J. L. Berry,
R. Darras, et al, 27 pp.
FRENCH, per, Journal of Nuclear Materials, Vol VIII, 1963,
pp 102-115.

AEC-Tr-6242

Sci - Chem
Feb 64

2250, 542

Plastic Deformation and Rupture of Uranium Single Crystals
in Tension At -196 degreesC, by A. Lamogne, P. Lacombe,
8 pp.
RUSSIAN, per, J. Nucl. Mater., Vol VIII, 1963, pp 116-125.

AEC-Tr-6184

Sci - M/M
Feb 64

250, 535

Collection of Helium in Sintered Com-
pacts of Beryllium Oxide Irradiated
With Neutrons, by M. Salesse, R. Gaillat,
et al, 6 pp.
FRENCH, per, Journal of Nuclear Materials,
Vol VIII, 1963, pp 266-270.
AEC-Tr-6451

Dec-14/18
Apr 65

271,006

Purification of Uranium by Electron Bombardment Floating
Zone Melting, by Jacques Pascal, Paul Lacombe, 21 pp.
FRENCH, per, Journal of Nuclear Materials, Vol IX, 1963,
pp 155-169.

AEC-Tr-6243

Sci - NS
Feb 64

250, 543

Effects of Neutron Irradiation Upon the Thermal
Conductivity of Nuclear Graphites, by M. Bocquet,
G. Micaud, 12 pp.
FRENCH, per, Journal of Nuclear Materials, Vol X,
No 3, 1963, pp 215-223. 9224370
AEC-NP-Tr-1141

Sci-Nucl Sci
Aug 64

265,625

Variations of Reactivity in Irradiated Uranium at
Low Temperatures, by Y. Quere.
BREMEN, GER., Journal of Nuclear Materials, Vol 1A,
1963, pp 290-304.
*AFG

Sci-Engg & Med
Vol 64

Study of Uranium and Plutonium Nitrides and of
Their Solid Solutions, by F. Ansolin.
FRENCH, per, Journal of Nuclear Materials,
Vol 10, No 4, 1963, pp 301-320.
*AEC ORNL Tr-1728

Sci - Nuclear Science
Aug 67

Study on Carbon Nitrides, on Fluorides and Their
Solid Solutions, by F. Anselmi.
F. Anselmi, per, Journal of Nuclear Materials, Vol. 1,
No. 4, 1963.
*JNCL

add-Adam G. Mac
Apr 64

Hydrogenation of ~~an~~ U - UC Mixtures, by G. Baudin,
J. Besson, et al, 13 pp.
FRENCH, per, Journal of Nuclear Materials, Voi X,
1963, pp 173-181. 9223538
AEC-ORNL-Tr-123

Sci-Mat & Met
Sep 64

265,854

Study of Uranium and Plutonium Nitrides and
Their Solid Solutions, by F. Anselin, 40 pp.
FRENCH, per, J. Nucl. Mater., Vol 10, 1963,
pp 301-320. P911354667
AEC ORNL-Tr-1728

Sci/Nuclear Science
Nov 67

344,250

Electron-Microscopic Study of Structural Defects
in Fritted Irradiated Beryllium Oxide, by A. Bisson,
10 pp.
FRENCH, per, Journal of Nuclear Materials, Vol X,
No 4, 1963, pp 321-328. 9224865
AEC-Tr-6441

Sci-Mat & Met
Oct 64

268,512

CaF_2 As a Model Substance for Diffusion
Processes in UO_2 , by H. Matzke, 7 pp.
FRENCH, per. Journal Nuclear Materials,
Vol XI, 1964, pp 344-347. 92N0100
AEC NP-TR-1381

Sci - Nucl Sci
Jul 66

305,604

Metallography of Plutonium, by B. Spriet.
FRENCH, per, Journal of Nuclear Materials,
Vol XII, pp 94-112, May/June 1964 92299
AEC BNWL-Tr-2

Sci-NS&T
Oct 65

290,073

Modes of Deformation of Alpha Plutonium, by B. Spriet,
14 pp.

FRENCH, per, Journal of Nuclear Materials, Vol XII,
1964, pp 159-166. 9226673

AEC-UCRL-Tr-1150 (L)

AEC-LA-TR-64-28

ADZ E - 9694

70-3890257-66

Sci-M/M

Feb 65

274,248

Contribution to the Study of the Deformation of Pure Beryllium, by J. H. Dupouy, J. P. Poirier, et al.
FRENCH, per, Journal of Nuclear Materials,
Vol XII, No 5, 1964, pp 277-290. 9231640
AEC-HP-Tr-1290

Sci - Eng.
Jan 66

294,265

Polygonization of Very Pure Uranium Between
150° and 300°C, by G. Clottes, J.C. Jousset,
et al. 15 pp.

FRENCH, per, Journal of Nucl. Mater, Vol 12,
1964, pp 340-344.

AEC-tr-6560

Sci/M&M

Jun 66

301,099

Effect of Thermal Cycling on the
Transformation Temperature of Plutonium,
by B. Spriet.
FRENCH, per, Journal of Nuclear Materials,
Vol 13, No 1, pp 13-22, 1964 9230496
AEC-UNWL-Tr-4

Sci-Phys
Nov 65

291,635

X-Ray Examination of Uranium Oxides of the UO_2
Type After Quenching, by B. Belbeoch, E. Perio.
FRENCH, per, Journal of Nuclear Materials,
Vol 13, No 1, 1964, pp 100-106. P9111691e5
AEC ORNL-tr-1410

Sci/Physics

Jan 67

517,820

"Curvilinear" Tracks of Diffuse X-rays
Due to Neutrons of BeO Monocrystals,
by B. Belbeoch, J. Rodot, et al.
FRENCH, per, Journal of Nuclear
Materials, Vol 15, 1964, pp 234-237.
AEC- AI-Tr-01

Sci/Physics
Sep 65

289,515

Determination of the Interstitial Distribution of Oxygen Atoms in Monocrystalline Uranium Films by Means of Electron Diffraction, by S. Steeb, P. Mitsch.

GERMAN, per, Journal of Nuclear Materials, Vol XV, No 1, 1965, pp 61-87. 9231658
AEC-ANL-Tr-232

Sci - NS, Phys
Jan 66

294,283

Determination of the Principal Glide Plane
in α -Plutonium, by B. Spriet.
FRENCH, per, Journal of Nuclear Materials,
Vol XV, 1965, pp 113-116. 9230543
AEC-ANL-Tr-210

Sci - Eng
Jan 66

294,201